



लक्षद्वीप प्रदूषण नियंत्रण समिति  
LAKSHADWEEP POLLUTION CONTROL COMMITTEE  
विज्ञान एवं प्रौद्योगिकी विभाग  
DEPARTMENT OF SCIENCE & TECHNOLOGY  
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**Minutes of meeting of the 13<sup>th</sup> Lakshadweep Pollution Control Committee (LPCC) held on 28.01.2022 (1630 hrs) at Kavaratti, Lakshadweep**

The meeting commenced at Advisor's conference hall at 1630 hrs on 28.01.2022. Shri A. Anbarasu, IAS, Chairman, LPCC and Advisor to the Hon'ble Administrator, Union Territory of Lakshadweep Administration (UTLA) chaired the meeting and welcomed all the members of LPCC. The following members of UTLA were present in the meeting

1.	Shri A. Anbarasu, IAS, Chairman, LPCC
2.	Shri Vikranth Raja A., IAS, Secretary, Environment & Forest (E&F)
3.	Shri Santosh Kumar Reddy V, IFS, Member Secretary, LPCC
4.	Shri Sachin Sharma, IPS, Director, Port, Shipping & Aviation
5.	Shri Santosh Kumar Reddy V, IFS, Director, Industries
6.	Dr. M. P. Basheer, Director, Health Services
7.	Shri M.K. Abdul Salam, Superintending Engineer, Lakshadweep Public Works Department (LPWD)
8.	Shri Bhika Ram Meena, Chief Executive Officer, District Panchayat
9.	Dr. Salih, Medical Superintendent, Indira Gandhi Hospital, Kavaratti

The following members attended through video conference:

1.	Dr. S. Prabhu, Scientist 'C', Southern Regional Office, Ministry of Environment, Forest and Climate Change (MoEFCC), Bengaluru
2.	Dr. Anas Abdul Aziz, Principal Scientist, Council of Scientific & Industrial Research (CSIR) - National Institute of Oceanography (NIO), Kochi
3.	Shri S. Suresh, Regional Director, Regional Directorate, Central Pollution Control Board (CPCB), Bengaluru representing Member Secretary, CPCB

Special Invitees:

1.	Shri Shashank Mani Tripathi, IAS, Secretary, Fisheries, UTLA
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Officials of Department of Science & Technology (S&T)/ LPCC

1.	Shri P.Pookoya, Assistant Director, S&T, UTLA
2.	Shri A.I. Muhsin, Scientist, S&T, UTLA
3.	Shri U. Abdul Nazer, Senior Chemist, S&T, UTLA

It was intimated through email before the meeting that, Dr. P.V. Radhakrishnan, Scientist & Programme Director, Centre for Environment & Development, Thiruvananthapuram, a member of the committee, was unable to attend the meeting due to his health not permitting.

**I. Agenda Item No. 01: Confirmation of the minutes of the 12<sup>th</sup> LPCC meeting:**

The minutes of the 12<sup>th</sup> meeting were forwarded to all members vide F.No.F-20019/1/2017-LPCC-UT-LKS dated 20.09.2021. No member raised any objection and therefore, minutes of 12<sup>th</sup> meeting stands confirmed.

**II. Agenda Item No. 02: Compliance/Follow up action of decision taken at 12<sup>th</sup> meeting of LPCC held on 23.08.2021:**

Action taken report with respect to decisions taken in the 12<sup>th</sup> meeting of LPCC held on 23.08.2021 was reviewed by the committee.

<b>Action Points</b>	<b>Action Taken Report for the decisions taken in the 12<sup>th</sup> meeting of LPCC (held on 23.08.2021)</b>	<b>Decisions taken by 13<sup>th</sup> meeting of LPCC on 28.01.2022</b>
All the consent/ authorization mechanisms related to LPCC to be issued through modified and upgraded online portal.	Action in this matter was initiated with National Informatics Centre (NIC), Kavaratti for creating the Online Consent Management & Monitoring System (OCMMS) for the LPCC.	It was decided that NIC should take up the matter as a priority for creating OCMMS so as to function by March, 2022. A fresh reminder for the same will be communicated to NIC.  <b>(Action by NIC)</b>
All the establishments/ industries coming under various categories are to be identified and the consent of LPCC shall be issued to establish and operate.	The various types of industries like saw mill, flour mill/ rice mill, carpentry, bakeries, edible oil (coconut oil) making units, automobile servicing centers, hotels, resorts etc are considered in preparation of inventory in different islands. The inventory of industries with respective categories is being prepared. On date, the process is completed for six islands. For the rest of the islands, data collection is being done. The same is expected to be finished in two weeks time.	The LPCC will issue “consent forms” to all the owners of the establishments applicable to obtain the consent/ authorization on priority.  <b>(Action by LPCC)</b>
Frequent inspection and quality assessment of food from hotels/ restaurants in the islands.	Department of Health Services informed that inspections of the hotels/ restaurants were being carried out regularly by the concerned officials of the department.	Committee has directed the Department of Health Services to give priority to this matter. A special meeting in this regard with concerned officials to be convened to design Standard Operating Procedures (SoPs) for frequent inspections, data collection,

		<p>enforcement of Food Safety and Standards Authority of India (FSSAI) norms, appropriate action against defaulters, formulation of inspection reports and any other relevant matters.</p> <p><b>(Action by Department of Health Services, Legal Metrology, LPCC)</b></p>
A separate meeting on bio-medical and E-waste management.	<p>Reviewed the present status of implementation of the various waste management rules with the implementing agencies on 24.01.2022 under the chairmanship of Secretary, E&amp;F/S&amp;T.</p>	<p>Committee suggested that all type of e-wastes generated from the departments are sent for condemnation in consonance with E-waste management Rules, 2016. Services of authorised recyclers for proper disposal may be solicited.</p> <p>For management of bio-medical wastes, it is suggested to install incinerators of desired capacities in each hospital to manage the bio-medical wastes.</p> <p><b>(Action by Department of Health Services, Panchayat &amp; Information Technology)</b></p>
Construction & demolition (C&D) waste management.	<p>Reviewed the present status of implementation of the various waste management rules with the implementing agencies on 24.01.2022 under the chairmanship of Secretary, E&amp;F/S&amp;T</p>	<p>The LPCC has suggested that construction &amp; demolition wastes should not be kept idle and open in public spaces. Such wastes if produced by private parties should be kept within their own premises with proper covering before reuse. Hefty penalties to be imposed for violation. Necessary changes to be incorporated in the upcoming Building Bye-Law.</p> <p><b>(Action by LPWD/ Department of Urban Development)</b></p>
Strengthening of water quality monitoring programme.	<p>Monitoring of well and pond water was carried out at two islands i.e., Kavaratti and Amini under National Water Quality Monitoring Programme. Further LPWD is also monitoring the water quality in all islands regularly.</p> <p>It is also proposed to carry out monitoring of coastal water sampling initially at Kavaratti island and further extended to the remaining islands.</p>	<p>The Committee reviewed the action taken so far for strengthening qualitative analysis of water. Department of Health Services has to be reported immediately for taking immediate remedial actions, if the contamination levels in the analysis results are over the acceptable limits.</p> <p><b>(Action by Department of Health Services, Science &amp; Technology LPWD)</b></p>
A separate meeting	Discussion was held with	The LPCC reviewed the action

<p>of ground water quality and management in Lakshadweep islands.</p>	<p>LPWD. As per their information, the LPWD has registered nine block level drinking water quality laboratories in the Water Quality Monitoring Information System (WQMIS) portal of Ministry of Jal Shakti. The test results are regularly updated to the portal and are being monitored by the ministry. All the nine laboratories are open for public use. Anyone in the Lakshadweep can directly log in to the portal for submitting their samples for testing.</p>	<p>be incorporated for the same to entail more participation from the local communities. <b>(Action by Department of Health Services, Science &amp; Technology LPWD)</b></p>
<p>To ensure safe, secure and standard installation of septic tanks in all government buildings as well as private houses to minimize the faecal contamination of ground water.</p>	<p>In all government buildings, PWD is said to be constructing septic tanks as per norms. The Department of Science and Technology has installed 1618 bio-toilets at Kavaratti, Androth and Bitra islands. Of late, private residents are also constructing the septic tanks instead of leach pits in their dwellings.</p>	<p>LPCC has directed the concerned authorities to make necessary changes in the upcoming Building Bye-Law in this regard to make installation of the quality sewage infrastructure a mandatory condition. Corollary to this, the LPWD has to ensure that necessary permissions will be granted only if new house construction involves the provision of quality sewerage system. Fines to be imposed in case of violations. <b>(Action by LPWD/ Department of Urban Development)</b></p>
<p>Periodical meetings by various organizations, authorities concerned shall be made for implementation of rules relevant to waste management.</p>	<p>Reviewed the present status of implementation of the various waste management rules with the implementing agencies on 24.01.2022 under the chairmanship of Secretary, E&amp;F/S&amp;T</p>	<p>Committee took the note of action taken report and directed to conduct frequent meetings with the concerned implementing agencies. <b>(Action by Department of Health Services, LPCC, Information Technology, Panchayat, Science &amp; Technology, LPWD)</b></p>

III. **Agenda Item No. 03: Elimination of identified single use plastics (SUPs) in Lakshadweep:**

The Committee has discussed the matter comprehensively. The UTLA has already banned the 32 items of single use plastics (SUPs) in the islands. The Committee has suggested to share the responsibilities to the following departments viz. Revenue, Environment & Forest and Police for strict implementation of the orders and levy the fine from the defaulters. In addition the following decisions were also made:

- (i) Ban all the types of plastic sheet fencing
- (ii) Explore the possibility of coconut wood bins in place of fiber reinforced plastic bins for waste collection
- (iii) First Sunday of every month is declared as Coastal Cleanup Day. On this day, communities, school children, youth, Non Governmental Organisations (NGOs) can participate to get rid of plastics on the beaches

**(Action by Department of Revenue, Environment & Forest, Panchayat & Police)**

IV. **Agenda Item No. 04: Action Plan of Control of Marine/Coastal Pollution in Lakshadweep islands:**

It is informed in the meeting that Hon'ble NGT in order vide OA No. 673/2018 mandates that all States and UTs have to prepare action plans within two months for all polluted rivers to improve the quality of water. As per the order, "The River/Coastal Rejuvenation Committee" should be constituted each States/UTs to prepare and execute action plans for restoration of polluted river stretches. Lakshadweep River/Coastal Rejuvenation Committee was constituted by the Lakshadweep Administration on 24.01.2022. Also, Lakshadweep Administration has prepared an Action Plan for Coastal Pollution and submitted to the CPCB. The CPCB has examined the proposal and intimated the gaps observed and suggested to modify the Action Plan. The modified action plan was presented before the River/Coastal Rejuvenation Committee. The committee has approved the action plan.

**(Action by LPCC)**

V. **Agenda Item No. 05: Discussion on conversion of conventional vehicles (that run of diesel/petrol) to e-vehicles & bringing an e-vehicle policy:**

The matter discussed was in detailed manner. The committee suggested the following measures:

- (i) In the first phase all the government owned conventional vehicles (two wheelers and four wheelers) are proposed to be converted as electric vehicle (e-Vehicle), with effect from 1st April, 2022, as far as possible.
- (ii) In the second phase, all the private vehicles are to be converted to e-vehicles with effect from 15<sup>th</sup> August, 2022. E-rickshaws should be promoted.
- (iii) UTLA may execute an agreement with Energy Efficient Services Limited (EESL) on delivering clean, affordable and reliable energy in the Lakshadweep islands.
- (iv) A boat under the Department of Fisheries may be converted to solar power to reduce the use of fossil fuel. This will act as a model for others to emulate.
- (v) E-Vehicle policy may be prepared by Department of Road Transport expeditiously.
- (vi) Bicycles may be given to all the students of the government schools from 6<sup>th</sup> standard onwards as a part of government scheme. Maintenance and repair infrastructure (through private parties) should be created for sustenance.

**(Action by LPCC, Department of Fisheries, Road Transport, Education)**

VI. **Agenda Item No.6: Discussion on undertaking various measures for reducing pollution in Lakshadweep islands:**

The committee has decided that the following actions for reducing pollution in Lakshadweep islands need to be taken:

- (i) **Eco Friendly Shop:** As a start, a shop from the Kavaratti is to be identified and to promoted as an eco-friendly model shop (free from plastic containers/packaging). Later the model can be replicated in other major islands.

**(Action by Department of Environment & Forest, LPCC)**

- (ii) **Cycle Day:** Wednesday of every week may be declared as a cycle day for the government employees. All the officials/employees (except person with disabilities and medical cases) shall not use motor vehicles for commutation to the work place and use only non-motorable transportation like bicycles. Simultaneously, the Department of Road Transport may also initiate the process of checking of pollution levels of the extant vehicles.

**(Action by Department of E&F, General Administration & Road Transport)**

- (iii) **Explore the possibility of Bio-toilets in government establishments/quarters:** The Committee has suggested to install the biotoilets in the government establishments/quarters after consultation with Defence Research & Development Establishment (DRDE), Gwalior of the Defence Research and Development Organisation (DRDO).

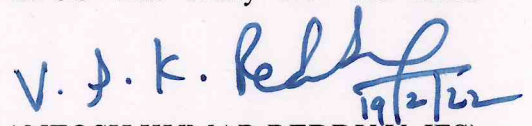
**(Action by LPWD, Department of S&T)**

- (iv) **Explore the possibility of compost pits for management of food and organic wastes:** For better management of the biodegradable wastes, the LPCC has suggested to explore the possibility of establishing the decentralised compost pit system at household level with the technical support of Krishi Vignan Kendra (KVK) or similar scientific institutions working in the field. Necessary modification may also made in the upcoming Building Bye-Law for making compost pit construction as a mandatory provision in future.

**(Action by LPWD, Department of S&T)**

The meeting ended with vote of thanks to the chair.

This is issued with the approval of Chairman, LPCC vide Diary No. 410 dated 17.02.2022.

  
(SANTOSH KUMAR REDDY V, IFS)  
Member Secretary, LPCC

**F.No. F-20019/1/2017-LPCC-UT-LKS**

**Dated 19.02.2022**

To

All Concerned

Copy to:

1. PA to the Advisor to the Administrator & Chairman, LPCC
2. PA to the Secretary, Environment / Industry / LPWD / Port, Shipping & Aviation / Health Services, UTLA

3. Member Secretary, CPCB, New Delhi
4. Shri G.Thirumurthy, Divisional Head, PCP Division, CPCB, New Delhi
5. Regional Director, CPCB, Bangalore